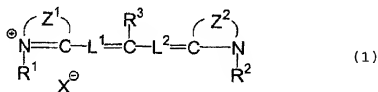
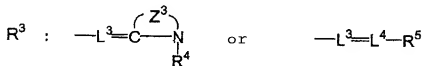


WHAT IS CLAIMED IS:

1. A photopolymerizable composition comprising;
 - a polymerizable compound having an ethylenic unsaturated bond,
 - a compound of the following general formula (1), and
 - a radical generator that interacts with the compound of formula (1) to generate a radical:



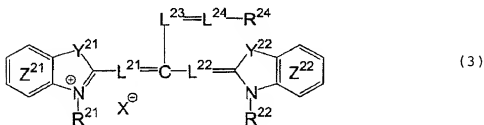
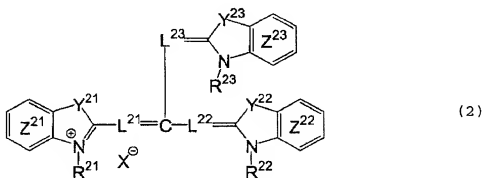
wherein R¹ and R² each independently represents an aliphatic group or an aromatic group; R³ represents a group of the following formula:



R⁴ represents an aliphatic group or an aromatic group; R⁵ represents a hydrogen atom, an aliphatic group, an aromatic group, or a heterocyclic group; L¹, L², L³ and L⁴ each independently represents a substituted or unsubstituted methine group, and in the case where L¹, L², L³ and L⁴ each represents a substituted methine group, the substituents may be bonded to each other to form an unsaturated aliphatic ring or an unsaturated hetero ring; Z¹, Z² and Z³ each independently represents an atomic group which forms a 5-membered

nitrogen-containing hetero ring, the nitrogen-containing hetero ring may be condensed with any of an aromatic ring or a hetero ring, and the nitrogen-containing hetero ring as well as the aromatic ring and the hetero ring, if condensed with the nitrogen-containing hetero ring, may be substituted or unsubstituted; and X⁻ represents a group to form an anion.

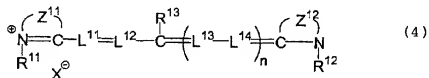
2. The photopolymerizable composition as claimed in claim 1, in which the compound of formula (1) is selected from any of compounds of the following general formula (2) and compounds of the following general formula (3):



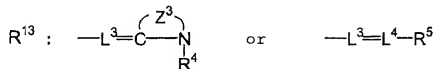
wherein R²¹, R²² and R²³ each independently represents an aliphatic group or an aromatic group; R²⁴ represents a hydrogen atom, an aliphatic group, an aromatic group or a heterocyclic group; L²¹, L²², L²³ and L²⁴ each independently represents a

substituted or unsubstituted methine group; Y^{21} , Y^{22} and Y^{23} each independently represents $-CR^{25}R^{26}-$, $-NR^{27}-$, $-O-$, $-S-$, $-Se-$ or $-Te-$; R^{25} , R^{26} and R^{27} each independently represents a hydrogen atom, an aliphatic group or an aromatic group; R^{25} and R^{26} may be atomic groups bonded to each other to form a ring; the benzene rings Z^{21} , Z^{22} and Z^{23} may be condensed with other benzene rings; the benzene rings Z^{21} , Z^{22} and Z^{23} as well as the other benzene rings, if any, which are condensed with the benzene rings Z^{21} , Z^{22} and Z^{23} may be substituted or unsubstituted; and X' represents an anion.

3. A photopolymerizable composition comprising a polymerizable compound having an ethylenic unsaturated bond, a compound of the following general formula (4), and a radical generator that interacts with the compound of formula (4) to generate a radical:

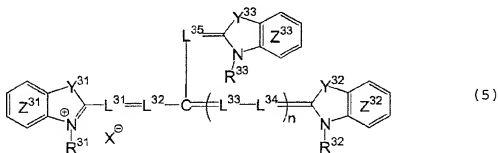


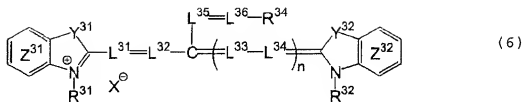
wherein R^{11} and R^{12} each independently represents an aliphatic group or an aromatic group; R^{13} represents a group of the following formula:



R^4 represents an aliphatic group or an aromatic group; R^5 represents a hydrogen atom, an aliphatic group, an aromatic group, or a heterocyclic group; L^{11} , L^{12} , L^{13} , L^{14} , L^3 and L^4 each independently represents a substituted or unsubstituted methine group, and in the case where L^{11} , L^{12} , L^{13} , L^{14} , L^3 and L^4 each represents a substituted methine group, the substituents may be bonded to each other to form an unsaturated aliphatic ring or an unsaturated hetero ring; Z^{11} , Z^{12} and Z^3 each independently represents an atomic group which forms a 5-membered nitrogen-containing hetero ring, the nitrogen-containing hetero ring may be condensed with any of an aromatic ring or a hetero ring, and the nitrogen-containing hetero ring as well as the aromatic ring and the hetero ring, if condensed with the nitrogen-containing hetero ring, may be substituted or unsubstituted; n indicates 0, 1 or 2; and X^- represents a group which forms an anion.

4. The photopolymerizable composition as claimed in claim 3, in which the compound of formula (4) is selected from any of compounds of the following general formula (5) and compounds of the following general formula (6):





wherein R^{31} , R^{32} and R^{33} each independently represents an aliphatic group or an aromatic group; R^{34} represents a hydrogen atom, an aliphatic group, an aromatic group or a heterocyclic group; L^{31} , L^{32} , L^{33} , L^{34} , L^{35} and L^{36} each independently represents a substituted or unsubstituted methine group; Y^{31} , Y^{32} and Y^{33} each independently represents $-CR^{35}R^{36}-$, $-NR^{37}-$, $-O-$, $-S-$, $-Se-$ or $-Te-$; R^{35} , R^{36} and R^{37} each independently represents a hydrogen atom, an aliphatic group or an aromatic group; R^{35} and R^{36} may be atomic groups bonded to each other to form a ring; the benzene rings Z^{31} , Z^{32} and Z^{33} may be condensed with other benzene rings; the benzene rings Z^{31} , Z^{32} and Z^{33} as well as the other benzene rings, if any, which are condensed with the benzene rings Z^{31} , Z^{32} and Z^{33} may be substituted or unsubstituted; and X^- represents an anion.

5. The photopolymerizable composition as claimed in claim 1, in which the radical generator is an organoboron compound.

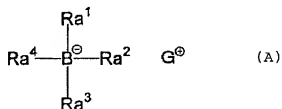
6. The photopolymerizable composition as claimed in claim 2, in which the radical generator is an organoboron compound.

7. The photopolymerizable composition as claimed in

claim 3, in which the radical generator is an organoboron compound.

8. The photopolymerizable composition as claimed in claim 4, in which the radical generator is an organoboron compound.

9. The photopolymerizable composition as claimed in claim 5, in which the organoboron compound is represented by the following general formula (A):



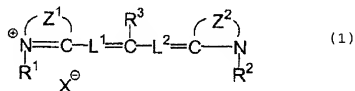
wherein Ra^1 , Ra^2 , Ra^3 and Ra^4 each independently represents an aliphatic group, an aromatic group, a heterocyclic group, or $\text{Si}(\text{Ra}^5)(\text{Ra}^6) - \text{Ra}^7$; Ra^5 , Ra^6 and Ra^7 each independently represents an aliphatic group or an aromatic group; and G^+ represents a group which forms a cation.

10. The photopolymerizable composition as claimed in claim 6, in which the organoboron compound is represented by formula (A).

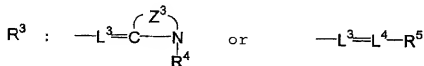
11. A recording material having a recording layer on a support;

wherein the recording layer contains at least a color-forming component A, a color-forming component B having a site that reacts with the color-forming component A to form a color, and a photopolymerizable composition;

and the photopolymerizable composition comprises a polymerizable compound having an ethylenic unsaturated bond, a compound of the following general formula (1), and a radical generator that interacts with the compound of formula (1) to generate a radical:



in which R¹ and R² each independently represents an aliphatic group or an aromatic group; R³ represents a group of the following formula:



R⁴ represents an aliphatic group or an aromatic group; R⁵ represents a hydrogen atom, an aliphatic group, an aromatic group, or a heterocyclic group; L¹, L², L³ and L⁴ each independently represents a substituted or unsubstituted methine group, and in the case where L¹, L², L³ and L⁴ each represents a substituted methine group, the substituents may be bonded to each other to form an unsaturated aliphatic ring or an unsaturated hetero ring; Z¹, Z² and Z³ each independently represents an atomic group which forms a 5-membered nitrogen-containing hetero ring, the nitrogen-containing hetero ring may be condensed with any of an aromatic ring or

country	city	year	type	size	status	notes
USA	San Francisco	1978	concert	1000	open	first time
USA	San Francisco	1979	concert	1000	open	second time
USA	San Francisco	1980	concert	1000	open	third time
USA	San Francisco	1981	concert	1000	open	fourth time
USA	San Francisco	1982	concert	1000	open	fifth time
USA	San Francisco	1983	concert	1000	open	sixth time
USA	San Francisco	1984	concert	1000	open	seventh time
USA	San Francisco	1985	concert	1000	open	eighth time
USA	San Francisco	1986	concert	1000	open	ninth time
USA	San Francisco	1987	concert	1000	open	tenth time
USA	San Francisco	1988	concert	1000	open	eleventh time
USA	San Francisco	1989	concert	1000	open	twelfth time
USA	San Francisco	1990	concert	1000	open	thirteenth time
USA	San Francisco	1991	concert	1000	open	fourteenth time
USA	San Francisco	1992	concert	1000	open	fifteenth time
USA	San Francisco	1993	concert	1000	open	sixteenth time
USA	San Francisco	1994	concert	1000	open	seventeenth time
USA	San Francisco	1995	concert	1000	open	eighteenth time
USA	San Francisco	1996	concert	1000	open	nineteenth time
USA	San Francisco	1997	concert	1000	open	twentieth time
USA	San Francisco	1998	concert	1000	open	twenty-first time
USA	San Francisco	1999	concert	1000	open	twenty-second time
USA	San Francisco	2000	concert	1000	open	twenty-third time
USA	San Francisco	2001	concert	1000	open	twenty-fourth time
USA	San Francisco	2002	concert	1000	open	twenty-fifth time
USA	San Francisco	2003	concert	1000	open	twenty-sixth time
USA	San Francisco	2004	concert	1000	open	twenty-seventh time
USA	San Francisco	2005	concert	1000	open	twenty-eighth time
USA	San Francisco	2006	concert	1000	open	twenty-ninth time
USA	San Francisco	2007	concert	1000	open	thirtieth time
USA	San Francisco	2008	concert	1000	open	thirty-first time
USA	San Francisco	2009	concert	1000	open	thirty-second time
USA	San Francisco	2010	concert	1000	open	thirty-third time
USA	San Francisco	2011	concert	1000	open	thirty-fourth time
USA	San Francisco	2012	concert	1000	open	thirty-fifth time
USA	San Francisco	2013	concert	1000	open	thirty-sixth time
USA	San Francisco	2014	concert	1000	open	thirty-seventh time
USA	San Francisco	2015	concert	1000	open	thirty-eighth time
USA	San Francisco	2016	concert	1000	open	thirty-ninth time
USA	San Francisco	2017	concert	1000	open	fortieth time
USA	San Francisco	2018	concert	1000	open	forty-first time
USA	San Francisco	2019	concert	1000	open	forty-second time
USA	San Francisco	2020	concert	1000	open	forty-third time
USA	San Francisco	2021	concert	1000	open	forty-fourth time
USA	San Francisco	2022	concert	1000	open	forty-fifth time
USA	San Francisco	2023	concert	1000	open	forty-sixth time
USA	San Francisco	2024	concert	1000	open	forty-seventh time
USA	San Francisco	2025	concert	1000	open	forty-eighth time
USA	San Francisco	2026	concert	1000	open	forty-ninth time
USA	San Francisco	2027	concert	1000	open	fiftieth time

[illegible]

nitrogen-containing hetero ring, the nitrogen-containing hetero ring may be condensed with any of an aromatic ring or a hetero ring, and the nitrogen-containing hetero ring as well as the aromatic ring and the hetero ring, if condensed with the nitrogen-containing hetero ring, may be substituted or unsubstituted; n indicates 0, 1 or 2; and X' represents a group which forms an anion.

13. The recording material as claimed in claim 11, in which at least one polymerizable compound having an ethylenic unsaturated bond is the color-forming component B.

14. The recording material as claimed in claim 12, in which at least one polymerizable compound having an ethylenic unsaturated bond is the color-forming component B.

15. The recording material as claimed in claim 11, in which the polymerizable compound having an ethylenic unsaturated bond is a color formation-inhibiting compound further including, in the molecule, a site that inhibits the reaction of the color-forming components A and B.

16. The recording material as claimed in claim 12, in which the polymerizable compound having an ethylenic unsaturated bond is a color formation-inhibiting compound further including, in the molecule, a site that inhibits the reaction of the color-forming components A and B.

17. The recording material as claimed in claim 11, in which the color-forming component A is in microcapsules.

18. The recording material as claimed in claim 12, in which the color-forming component A is in microcapsules.

19. The recording material as claimed in claim 11, which has a multi-layered structure that comprises a first recording layer sensitive to light having a center wavelength of λ_1 and which forms a color, a second recording layer sensitive to light having a center wavelength of λ_2 and which forms a color that differs from the color formed by the first recording layer, . . . an i'th recording layer sensitive to light having a center wavelength of λ_i and which forms a color that differs from the colors formed by the first, second, . . . (i-1)th recording layers, in that order.

20. The recording material as claimed in claim 12, which has a multi-layered structure that comprises a first recording layer sensitive to light having a center wavelength of λ_1 and which forms a color, a second recording layer sensitive to light having a center wavelength of λ_2 and which forms a color that differs from the color formed by the first recording layer, . . . an i'th recording layer sensitive to light having a center wavelength of λ_i and which forms a color that differs from the colors formed by the first, second, . . . (i-1)th recording layers, in that order.